

L Number	Hits	Search Text	DB	Time stamp
-	22684	(epidermolysis adj bullosa) or eb	USPAT; US-PGPUB	2004/01/16 12:16
-	1174	epidermolysis adj bullosa	USPAT; US-PGPUB	2004/01/16 12:15
-	53	(epidermolysis adj bullosa) same diagnos\$	USPAT; US-PGPUB	2004/01/16 12:15
-	11	((epidermolysis adj bullosa) same diagnos\$) same mutat\$	USPAT; US-PGPUB	2004/01/16 12:16

FILE 'CANCERLIT' ENTERED AT 14:24:52 ON 16 JAN 2004
 FILE 'JICST-EPLUS' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)
 FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED
 FILE 'BIOTECHDB' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 THOMSON DERMET AND INSTITUTE FOR SCIENTIFIC INFORMATION
 FILE 'WPIDS' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 THOMSON DERMET
 FILE 'WINDEX' ENTERED AT 14:24:52 ON 16 JAN 2004
 FILE 'WINDEX' ACCESS NOT AUTHORIZED
 FILE 'LIFESCI' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)
 FILE 'IFIPAT' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 IPI CLAIMS (R) Patent Services (IFI)
 FILE 'DISSAES' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved.
 FILE 'BIOBUSINESS' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Biological Abstracts, Inc. (BIOSIS)
 FILE 'DRUGI' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved.
 FILE 'FEDRIP' ENTERED AT 14:24:52 ON 16 JAN 2004
 => dup rem 13
 => s 12
 6 FILES SEARCHED...
 18 FILES SEARCHED...
 L3 1073 L2
 => dup rem 13
 DUPLICATE IS NOT AVAILABLE IN 'DGENE, FEDRIP'.
 ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
 PROCESSING IS APPROXIMATELY 94% COMPLETE FOR 13
 PROCESSING COMPLETED FOR L3
 L4 535 DUP REM L3 (538 DUPLICATES REMOVED)
 => s 14 and (horse or equine)
 L5 35 L4 AND (HORSE OR EQUINE)
 => s 15 and 1368
 L6 1 L5 AND 1368
 => d 16 bib
 L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:590655 CAPLUS
 DN 139-112800

4 FILE IFIPAT
 18 FILE JICST-EPLUS
 7 FILE LIFEFCI
 106 FILE MEDLINE
 55 FILE PASCAL
 19 FILE PROMT
 175 FILE SCISEARCH
 34 FILE TOX CENTER
 11 FILE WPIDS
 65 FILES SEARCHED...
 11 FILE WINDEX
 23 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX
 L2 QUE LI AND DIAGNOSS? AND MOTA?
 => file hits
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST
 SINCE FILE TOTAL SESSION
 ENTRY 1.71 1.92
 FILE 'ENBASE' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.
 FILE 'SCISEARCH' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT 2004 THOMSON ISI
 FILE 'MEDLINE' ENTERED AT 14:24:52 ON 16 JAN 2004
 FILE 'DGENE' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 THOMSON DERMET
 FILE 'BIOSTS' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)
 FILE 'ESBIOBASE' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.
 FILE 'CAPLUS' ENTERED AT 14:24:52 ON 16 JAN 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USERTERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
 FILE 'BIOTECNO' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.
 FILE 'PASCAL' ENTERED AT 14:24:52 ON 16 JAN 2004
 Any reproduction or dissemination in part or in full,
 by means of any process and on any support whatsoever
 is prohibited without the prior written agreement of INIST-CNRS.
 COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.
 FILE 'TOX CENTER' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 ACS
 FILE 'PROMT' ENTERED AT 14:24:52 ON 16 JAN 2004
 COPYRIGHT (C) 2004 Gale Group. All rights reserved.

TI Protein and cDNA sequences of laminin .gamma.2 gene and its use in ***diagnostic*** junctional ***epidermolysis***
 bullosa.
 IN Baird, John; Linderer, Keith; Meneguzzi, Guerrino; Spirito, Flavia;
 Charlesworth, Alejandra Can.
 PA U.S. Pat. Appl. Publ., 34 pp.
 SO CODEN: USXXCO
 DT Patent
 LA English
 FAN CNT 1
 PAENT NO. KIND DATE APPLICATION NO. DATE
 PI US 200313545 A1 20030731 US 2002-53662 20020124
 PI US 2002-53662 20020124

=> d 15 trial 1-6

LS ANSWER 1 OF 35 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN
 Animal models for skin blistering conditions: Absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian ***horse***
 Medical Descriptors:
 bullosus skin disease; DI, diagnosis
 epidermolysis bullosa hereditaria; DI, diagnosis
 horse
 clinical feature
 immunofluorescence
 protein expression
 nucleotide sequence
 sequence analysis
 DNA isolation
 reverse transcription polymerase chain reaction
 RNA purification
 base pairing
 gene insertion
 gene mutation
 stop codon
 prediction
 disease severity
 amino acid sequence
 protein structure
 correlation analysis
 recessive inheritance
 nonhuman
 animal experiment
 animal model
 controlled study
 animal tissue
 animal cell
 article
 priority journal
 Drug Descriptor:
 *Kalinin: EC, endogenous compound
 protein: EC, endogenous compound

protein Lamc2: EC, endogenous compound
 complementary DNA
 unclassified drug
 (Protein 67254-75-5
 GENBANK Z15008 referred number; GENBANK AY002802 referred number; GENBANK NM008485 referred number

LN ANSWER 2 OF 35 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:55257 SCISEARCH (B) Number: 654YK
 GA The Genuine Article
 TI A ***mutation*** in the LAMC2 gene causes the Herlitz junctional ***epidermolysis*** ; ***bullosa*** ; (H-JEB) in two French draft
 horse breeds
 REC Reference Count: 22
 CC AGRICULTURE, DAIRY & ANIMAL SCIENCE; GENETICS & HEREDITY
 ST Author Keywords: ***horse*** ; LAMC2; ***epidermolysis***
 SPP ***bullosa*** ; laminin 5
 SPP KeyWords Plus (R): MECHANOBULLOUS DISEASE; CLASSIFICATION;
 DIAGNOSIS ; POSITION
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS
 LN ANSWER 3 OF 35 DGENE COPYRIGHT 2004 THOMSON DERVENT on STN
 AN ADA7120 Protein DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ; ***bullosa*** in horses.
 DESC Human laminin gamma 2 polypeptide.
 KW Human; laminin gamma-2; junctional ; ***epidermolysis***
 SQL 1193

LS ANSWER 4 OF 35 DGENE COPYRIGHT 2004 THOMSON DERVENT on STN
 AN ADA74091 Protein DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ; ***bullosa*** in horses.
 DESC ***Equine*** laminin gamma-2 polypeptide.
 KW ***Horse*** ; laminin gamma-2; junctional ; ***epidermolysis***
 SQL 1190

LS ANSWER 5 OF 35 DGENE COPYRIGHT 2004 THOMSON DERVENT on STN
 AN ADA74121 Protein DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ; ***bullosa*** in horses.
 DESC Murine laminin gamma-2 polypeptide.
 KW Mouse; laminin gamma-2; junctional ; ***epidermolysis***
 SQL 1192

LS ANSWER 6 OF 35 DGENE COPYRIGHT 2004 THOMSON DERVENT on STN
 AN ADA74119 DNA DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ; ***bullosa*** in horses.
 DESC ***Equine*** laminin gamma-2 cDNA PCR primer #28.

RW ***Horse*** ; PCR; ss; laminin gamma-2; junctional
 epidermolysis ; ***bullosa*** ; JEB; primer.
 SQL 19

=> d his

(FILE 'HOME' ENTERED AT 14:22:36 ON 16 JAN 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCII, BIOPUSINESS, BIOMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFICI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, DRUGB, DRGMONOG2, ...' ENTERED AT 14:22:55 ON 16 JAN 2004

SEA EPIDERMOLYSIS (W) BULLOSA

QUE EPIDERMOLYSIS (W) BULLOSA

SEA L1 AND DIAGNOS? AND MUTAT?

L2 QUE L1 AND DIAGNOS? AND MUTAT?

FILE EMBASE, SCISEARCH, MEDLINE, DGENE, BIOSIS, EBSCOBASE, CAPLUS, BIOTECHNO, PASCAL, TOXCENTR, PRIMT, CANCERLIT, JGST-PLUS, BIOTECHDS, WPDS, LIFESCI, IFFPAT, DISSABS, BIOPUSINESS, DRUGU, FEDRIP, ENTERED AT 14:24:52 ON 16 JAN 2004

14:1073 S L2

14 535 DUP REM L3 (538 DUPLICATES REMOVED)

15 35 S L4 AND (HORSE OR EQUINE)
 16 1 S L5 AND 136B

=> d 15 bib ab 1-35

15 ANSWER 1 OF 35 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.

AN 2002346631 EMBASE

T1 Animal models for skin blistering conditions: Absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian ***horse***

AU Spirito F; Charlesworth A.; Linder K.; Ortonne J.-P.; Baird J.; Meneguzzi G. Meneguzzi, INSERM U385, UFR de Medecine, Avenue de Valombrose, 06107 Nice Cedex 2, France. meneguzzi@unice.fr

SO Journal of Investigative Dermatology, (2002) 119/3 (684-691).

Ref: 52

ISSN: 0022-202X CODEN: JIDEAE

CY United States

DT Journal; Article

FS 013 Dermatology and Venereology
 029 Clinical Biochemistry

LA English

SL English

AB Recent achievements in the genetic correction of keratinocytes isolated from patients with junctional ***epidermolysis*** ***bullosa***

have paved the way to a gene therapy approach for the disease. Because gene therapy protocols require preclinical validation in animals, we have characterized spontaneous animal models of junctional ***epidermolysis*** ***bullosa***. In this study we have elucidated the genetic basis of the hereditary junctional mechanobullous disease in the Belgian ***horse***, a condition characterized by blistering of the skin and mouth epithelia, and exangulation (loss of the hoof). Immunofluorescence analysis associated the condition to the absent expression of the gamma-2 chain of laminin 5 and designated Lamm2 as the candidate gene. Comparative analysis of the nucleotide sequence of the full-length gamma-2 cDNA isolated by reverse transcription polymerase chain reaction amplification of total RNA purified from the epithelium of a junctional ***epidermolysis*** ***bullosa*** foal and a healthy control disclosed a homozygous basepair insertion (1368insC) in the affected animal. ***Mutation*** 1368insC results in a downstream premature termination codon and is predicted to cause absent expression of the laminin gamma-2 polypeptide. Our results also show that: (1) the ***horse*** junctional ***epidermolysis*** ***bullosa*** genetically corresponds to the severe Herlitz form of junctional ***epidermolysis*** ***bullosa*** in man; (ii) the amino acid sequence and structure of the ***horse*** laminin gamma-2 chain are virtually identical to the human counterpart; (iii) the moderate eruption of skin blisters in the affected animals with respect to the human Herlitz junctional ***epidermolysis*** ***bullosa*** patients correlates with the protection provided by hair. Our observations suggest that the affected foals are a convenient source of epithelial cells from tissues that cannot be obtained from human junctional ***epidermolysis*** ***bullosa*** patients, and imply that hairless strains of animals with recessive skin disorders would be the best models for in vivo gene therapy approaches to skin blistering diseases.

15 ANSWER 2 OF 35 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
 AN 2003:255257 SCISEARCH
 GA The Genuine Article (R) Number: 654YK
 TI A ***mutation*** in the LAMM2 gene causes the Herlitz junctional ***epidermolysis*** ***bullosa***
 horse breeds
 AU Milenkovic D; Chaffaux S; Tacurit S; Guerini G (Reprint)
 CS INRA, Ctr Rech Jouy, Dept Genet Anim, Lab Genet Biochim & Cytogenet,
 F-78352 Jouy En Josas, France (Reprint)
 CY France
 SO GENETICS SELECTION EVOLUTION, (MAR-APR 2003) Vol. 35, No. 2, pp. 249-256.
 Publisher: E D P SCIENCES, 7, AVE DU HOGAR, PARC D ACTIVITES COURTABOEUF,
 BP 112, F-91944 LES ULIS CEDEXA, FRANCE.
 ISSN: 0999-193X.
 DR Article; Journal
 LA English
 REC Reference Count: 22
 AB ***Epidermolysis***
 AB (EB) is a heterogeneous group of inherited diseases characterised by skin blistering and fragility. In humans, one of the most severe forms of EB, known as Herlitz-junctional EB (H-JEB), is caused by mutations in the laminin 5 genes. EB has been described in several species, like cattle, sheep, dogs, cats and horses where the ***mutation***, a cytosine insertion in exon 10 of

the LAMC2 gene, was very recently identified in Belgian horses as the ***mutation*** responsible for JEB. In this study, the same ***mutation*** was found to be totally associated with the JEB phenotype in two French draft ***horse*** breeds, Trait Breton and Trait Comtois. This result provides breeders a molecular test to better manage their breeding strategies by genetic counselling.

DT	Patent
LA	English
OS	2003-626651 [59]
CR	N-PDB: ADA74090
DESC	***Equine*** laminin gamma-2 polypeptide. The invention relates to the ***equine*** laminin gamma-2 polypeptide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***
AB	and the Polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***
	bullosa (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of a ***epidermolysis***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the ***equine*** laminin gamma-2 polypeptide.
L5	ANSWER 5 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN	ADA74121 protein DGENE
TI	New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** in horses.
IN	Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A (BAIR-I) BAIRD J. (LIND-I) LINDE K. (MENE-I) MENEGUZZI G. (SPRI-I) SPIRITO F. (CHAR-I) CHARLESWORTH A. US 2003143545 A1 20030731 US 2002-53662 20030124 US 2002-53662 20020124
PA	BAIRD J. (LIND-I) LINDE K. (MENE-I) MENEGUZZI G. (SPRI-I) SPIRITO F. (CHAR-I) CHARLESWORTH A. Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A. US 2003143545 A1 20030731 US 2002-53662 20030124 US 2002-53662 20020124
DT	Patent
LA	English
OS	2003-626651 [59]
CR	Human laminin gamma-2 polypeptide.
DESC	The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***
AB	***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of a ***epidermolysis***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the human laminin gamma-2 polypeptide.
L5	ANSWER 4 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN	ADA74091 protein DGENE
TI	New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***
IN	Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A (BAIR-I) BAIRD J. (LIND-I) LINDE K. (MENE-I) MENEGUZZI G. (SPRI-I) SPIRITO F. (CHAR-I) CHARLESWORTH A. US 2003143545 A1 20030731 US 2002-53662 20030124 US 2002-53662 20020124
PA	BAIRD J. (LIND-I) LINDE K. (MENE-I) MENEGUZZI G. (SPRI-I) SPIRITO F. (CHAR-I) CHARLESWORTH A. Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A. US 2003143545 A1 20030731 US 2002-53662 20030124 US 2002-53662 20020124
DT	Patent
LA	English
OS	2003-626651 [59]
CR	Murine laminin gamma-2 polypeptide.
DESC	The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***
AB	***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of a ***epidermolysis***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the murine laminin gamma-2 polypeptide.
L5	ANSWER 4 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN	ADA74091 protein DGENE
TI	New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***
IN	Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A (BAIR-I) BAIRD J. (LIND-I) LINDE K. (MENE-I) MENEGUZZI G. (SPRI-I) SPIRITO F. (CHAR-I) CHARLESWORTH A. US 2003143545 A1 20030731 US 2002-53662 20030124 US 2002-53662 20020124
PA	BAIRD J. (LIND-I) LINDE K. (MENE-I) MENEGUZZI G. (SPRI-I) SPIRITO F. (CHAR-I) CHARLESWORTH A. Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A. US 2003143545 A1 20030731 US 2002-53662 20030124 US 2002-53662 20020124
DT	Patent
LA	English
OS	2003-626651 [59]
CR	The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***
DESC	***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of a ***epidermolysis***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the murine laminin gamma-2 polypeptide.
AB	***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of a ***epidermolysis***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the murine laminin gamma-2 polypeptide.
34P	

L5 ANSWER 6 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74119 DNA DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding
 biological sample from the ***horse***, isolating DNA and amplifying
 the DNA encoding laminin gamma-2 using appropriate primers and analysing
 the amplified nucleic acid to identify the presence of a ***mutated***
 mutation, where the homozygous presence of the ***mutated***
 nucleic acid encoding laminin gamma-2 indicates the presence of
 epidermolyisis. ***bullosa***. Alternatively, the protein
 component from the sample can be isolated and screened for laminin
 gamma-2, where the absence of laminin gamma-2 polypeptide indicates the
 presence of JEB. The laminin gamma-2 nucleic acids, Proteins and
 antibodies against the proteins are useful for ***diagnosing***. JEB
 (BAIR-I) BAIRD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 (SPRI-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 PI US 2003143545 A1 20030731 34P
 AI US 2002-53662 20020124
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59]
 DESC ***Equine*** laminin gamma-2 cDNA PCR Primer #28.

AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** (JEB) in a ***horse***, comprising obtaining a ***bullosa*** (JEB) from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutated*** ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolyisis***. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 nucleic acids, Proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 7 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74106 DNA DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding
 biological sample from the ***horse***, isolating DNA and amplifying
 the DNA encoding laminin gamma-2 using appropriate primers and analysing
 the amplified nucleic acid to identify the presence of a ***mutated***
 mutation, where the homozygous presence of the ***mutated***
 nucleic acid encoding laminin gamma-2 indicates the presence of
 epidermolyisis. ***bullosa***. Alternatively, the protein
 component from the sample can be isolated and screened for laminin
 gamma-2, where the absence of laminin gamma-2 polypeptide indicates the
 presence of JEB. The laminin gamma-2 nucleic acids, Proteins and
 antibodies against the proteins are useful for ***diagnosing***. JEB
 (BAIR-I) BAIRD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 (SPRI-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 PI US 2003143545 A1 20030731 34P
 AI US 2002-53662 20020124
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59]

DESC ***Equine*** laminin gamma-2 cDNA PCR Primer #15.
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***bullosa***, comprising obtaining a ***bullosa*** (JEB) in a ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutated*** ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of
 epidermolyisis. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, Proteins and
 antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 9 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74094 DNA DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding
 biological sample from the ***horse***, useful for ***diagnosing*** junctional ***bullosa*** in horses.

IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A PA

BAIRD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.

ANSWER 8 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74105 DNA DGENE
 TI New isolated ***equine*** laminin gamma 2 Polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolyisis***. ***bullosa***. In horses.
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyisis***. ***bullosa***. In horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A PA
 (BAIR-I) BAIRD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 (SPRI-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 PI US 2003-626651 [59]
 AI US 2003-43545 A1 20030731 34P
 US 2002-53662 20020124
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59]
 DESC ***Equine*** laminin gamma-2 cDNA PCR Primer #14.
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyisis***. ***bullosa***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutated*** ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of
 epidermolyisis. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, Proteins and
 antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 9 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74094 DNA DGENE
 TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolyisis***. ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A PA
 BAIRD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.

(Spirito F.
(Charlsworth A.
PI US 2003143345 AI 20030731
AI US 2002-53662 20020124
PRAI DT Patent
LA English
OS 2003-626651 [59]

34p

DESC ***Equine*** laminin gamma-2 cDNA PCR Primer #3.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** (JEB) in a ***horse*** comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein ***epidermolysis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 10 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT ON STN
AN ADA74114 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlsworth A.
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143345 AI 20030731
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]

34p

DESC ***Equine*** laminin gamma-2 cDNA PCR Primer #26.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein ***epidermolysis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 11 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT ON STN
AN ADA74114 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlsworth A.
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143345 AI 20030731
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]

presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** in horses. This sequence represents cDNA encoding ***equine*** laminin gamma-2.

JEB

ANSWER 11 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT ON STN
AN ADA74117 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** in horses.

Baird J; Linder K; Meneguzzi G; Spirito F; Charlsworth A.

PA (BAIR-I) BAIRD J.

(LIND-I) LINDER K.

(MENE-I) MENEGUZZI G.

(SPIR-I) SPIRITO F.

(CHAR-I) CHARLESWORTH A.

PI US 2003143345 AI 20030731

AI US 2002-53662 20020124

PRAI US 2002-53662 20020124

DT Patent

LA English

OS 2003-626651 [59]

34p

The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein ***epidermolysis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 12 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT ON STN
AN ADA74114 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** junctional ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlsworth A.
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143345 AI 20030731
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]

34p

OS

DESC ***Equine*** laminin gamma-2 cDNA PCR primer #23. AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***. OS ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis***. L5 This sequence represents a PCR primer used to amplify cDNA from the sample can be isolated and screened for laminin gamma-2. Alternatively, the protein component from the absence of laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 13 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN ADA74113 DNA DGENE
AN AD74113 ***equine*** laminin gamma-2 polypeptide and encoding AB polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***. OS ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
PA (BAIR-I)
LINDER K.
(LIND-I)
MENEZUZZI G.
(SPIR-I)
(CHAR-I)
CHARLESWORTH A.
PI US 2003143545 A1 20030731
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59] ***Equine*** laminin gamma-2 cDNA PCR primer #22. DESC AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***. OS ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and analysing the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of a ***mutation***. L5 Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 15 OF 35 DENE COPYRIGHT 2004 THOMSON DERWENT on STN ADA74115 DNA DGENE
AN AD74115 ***equine*** laminin gamma-2 polypeptide and encoding AB polynucleotide, useful for ***diagnosing*** junctional ***bullosa*** in horses.
OS ***bullosa*** (JEB) in a ***horse***, ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***. OS ***Equine*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***. L5 This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 14 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN ADA74108 DNA DGENE
AN New isolated ***equine*** laminin gamma-2 polypeptide and encoding AB polynucleotide, useful for ***diagnosing*** junctional ***bullosa*** (JEB) in a ***horse***, ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***. OS ***Equine*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutation***.

nuclieic acid encoding laminin gamma-2 indicates the presence of ***epidermolyisis***. Alternately, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2, the laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. Laminin gamma-2.

L5 ANSWER 16 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA7112 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** in horses.
IN PA (BAIR-I) BAIRD J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
(LIND-I)
(MENE-I)
(SPIR-I)
(CHAR-I)
PI AI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI DT 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolyisis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2, the laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. Laminin gamma-2.

L5 ANSWER 17 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA7107 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** in horses.
IN PA (BAIR-I) BAIRD J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
(LIND-I)
(MENE-I)
(SPIR-I)
(CHAR-I)
PI AI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI DT 2002-53662 20020124
LA English
OS 2003-626651 [59]
DESC AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolyisis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2, the laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. Laminin gamma-2.

PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC AB ***Equine*** laminin gamma-2 cDNA PCR primer #16. The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolyisis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2, the laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. Laminin gamma-2.

L5 ANSWER 18 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA7099 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** in horses.
IN PA (BAIR-I) BAIRD J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
(LIND-I)
(MENE-I)
(SPIR-I)
(CHAR-I)
PI AI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI DT 2002-53662 20020124
LA English
OS 2003-626651 [59]
DESC AB ***Equine*** laminin gamma-2 cDNA PCR primer #8. The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyisis***, ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolyisis***, ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2, the laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. Laminin gamma-2.

15	ANSWER 19 OF 35	DGENE	COPYRIGHT 2004 THOMSON DERTENT on STN
AN	ADA47086	DNA	DGENE
TI	New isolated polynucleotide, useful for *** equine*** laminin gamma-2 polypeptide and encoding *** epidermolyticus*** junctional polypeptide, useful for ***diagnosing*** junctional polypeptide, useful for ***bullosa*** in horses.		
IN	Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A (BAIR-I) (LINDER-I) (MENE-I) (SPIR-I) (CHAR-I)	US 2003143545 Al	20030731
PA	PT	US 2002-533662	20020124
DT	PRAI	US 2002-536622	20020124
LA	English		
OS	2003-626651 [59]	laminin gamma-2 cDNA PCR primer #5.	
DESC	*** Equine*** laminin gamma-2 cDNA PCR primer #5.		
AB	The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyticus*** ***bullosa*** (JEB) in a ***horse*** comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolyticus***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.		
15	ANSWER 20 OF 35	DGENE	COPYRIGHT 2004 THOMSON DERTENT on STN
AN	ADA47093	DNA	DGENE
TI	New isolated polynucleotide, useful for *** equine*** laminin gamma-2 polypeptide and encoding *** epidermolyticus*** junctional polypeptide, useful for ***diagnosing*** junctional polypeptide, useful for ***bullosa*** in horses.		
IN	Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A (BAIR-I) (LINDER-I) (MENE-I) (SPIR-I) (CHAR-I)	US 2003143545 Al	20030731
PA	PT	US 2002-533662	20020124
DT	PRAI	US 2002-536622	20020124
LA	English		
OS	2003-626651 [59]	laminin gamma-2 cDNA PCR primer #2.	
DESC	*** Equine*** laminin gamma-2 cDNA PCR primer #2.		
AB	The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolyticus*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a		

- (Spirito F.
 (Charlsworth A.
 US 2003143545 A1 20030731
 AI 2002-53662 20020124
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59]
 Equine laminin gamma-2 cDNA PCR Primer #9.
- The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB encoding. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.
- DESC AB
- PI 15 ANSWER 23 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
 AN ADA74098 DNA DGENE
 TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
- IN PA (BAIR-I) LINDER K; Meneguzzi G; Spirito F; Charlsworth A.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 PI US 2003143545 A1 20030731
 AI 2002-53662 20020124
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59]
 Equine laminin gamma-2 cDNA PCR Primer #7.
- The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.
- DESC AB
- PI 15 ANSWER 24 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
 AN ADA74110 DNA DGENE
 TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
- IN PA (BAIR-I) LINDER K; Meneguzzi G; Spirito F; Charlsworth A.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 PI US 2003143545 A1 20030731
 AI 2002-53662 20020124
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59]
 Equine laminin gamma-2 cDNA PCR primer #19.
- DESC AB

AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis***. ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis***. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***.

LS ANSWER 26 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN ADA74109 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***. ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
PA (BAIR-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPRI-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***epidermolysis*** junctional ***epidermolysis***. ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis***. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. laminin gamma-2.

LS ANSWER 28 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN ADA74118 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***. ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
PA (BAIR-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPRI-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***epidermolysis*** junctional ***epidermolysis***. ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis***. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. laminin gamma-2.

LS ANSWER 27 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN ADA74104 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***. ***bullosa*** in horses.

IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
PA (BAIR-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPRI-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC AB The invention relates to the ***equine*** laminin gamma-2 cDNA PCR primer #13. ***Equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***epidermolysis***. ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis***. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. laminin gamma-2.

ANSWER 28 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT ON STN
AN ADA74118 DNA DGENE
TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis***. ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A.
PA (BAIR-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPRI-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731
US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***epidermolysis*** junctional ***epidermolysis***. ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis***. ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine***. laminin gamma-2.

epidermolysis ***bullosa*** Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 29 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 DA ADA74097 DNA DGENE
 AN New isolated ***equine*** laminin gamma-2 polypeptide and encoding
 TI polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BAIRD J.
 (LIND-I) LINER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 2003143545 A1 20030731
 PRAI US 2002-53662 20020124
 DT US 2002-53662 20020124
 LA English
 OS -
 DESC ***Equine*** laminin gamma-2 cDNA PCR primer #6.
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the sample can be isolated and screening for laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 29 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 DA ADA74097 DNA DGENE
 AN New isolated ***equine*** laminin gamma-2 polypeptide and encoding
 TI polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BAIRD J.
 (LIND-I) LINER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 2003143545 A1 20030731
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS -
 DESC ***Equine*** laminin gamma-2 cDNA PCR primer #6.
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the sample can be isolated and screening for laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 30 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 DA ADA74095 DNA DGENE
 AN New isolated ***equine*** laminin gamma-2 polypeptide and encoding
 TI polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BAIRD J.
 (LIND-I) LINER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 2002-53662 20020124
 PRAI US 2002-53662 20020124

ANSWER 30 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 DA ADA74097 DNA DGENE
 AN New isolated ***equine*** laminin gamma-2 cDNA PCR primer #4.
 TI ***Equine*** laminin gamma-2 polypeptide indicates the presence of a junctional ***epidermolysis*** ***bullosa***. The invention also relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 31 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 DA ADA74102 DNA DGENE
 AN New isolated ***equine*** laminin gamma-2 polypeptide and encoding
 TI polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BAIRD J.
 (LIND-I) LINER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 2003143545 A1 20030731
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS -
 DESC ***Equine*** laminin gamma-2 cDNA PCR primer #11.
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 32 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 DA ADA74103 DNA DGENE
 AN New isolated ***equine*** laminin gamma-2 polypeptide and encoding
 TI polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BAIRD J.
 (LIND-I) LINER K.
 (MENE-I) MENEGUZZI G.
 (SPIR-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 2002-53662 20020124
 PRAI US 2002-53662 20020124

AN ADA74101 DNA DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding
 polynucleotide, useful for ***diagnosing*** junctional
 epidermolysis ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BALD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 PI (SPRI-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 200314355 A1 20030731 34P
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59] laminin gamma-2 cDNA PCR primer #10.
 DESC ***Equine***
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

LN 33 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74092 DNA DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BALD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 PI (SPRI-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 200314355 A1 20030731 34P
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59] laminin gamma-2 cDNA PCR primer #11.
 DESC ***Equine***
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

LN 35 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003590685 CAPLUS
 TI Protein and cDNA sequences of ***horse*** laminin gamma-2 gene and its use in ***diagnostic*** junctional ***epidermolysis***
 AB ***bullosa***
 IN Baird, John; Linder, Keith; Meneguzzi, Spirito, Flavia;
 Charlesworth, Alexandra
 CA Can.
 SO U.S. Pat. Appl. Publ., 34 pp.

the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 34 OF 35 DGENE COPYRIGHT 2004 THOMSON DERTWENT on STN
 AN ADA74103 DNA DGENE
 TI New isolated ***equine*** laminin gamma-2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
 AB ***epidermolysis*** ***bullosa***
 IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
 PA (BAIR-I) BALD J.
 (LIND-I) LINDER K.
 (MENE-I) MENEGUZZI G.
 PI (SPRI-I) SPIRITO F.
 (CHAR-I) CHARLESWORTH A.
 AI US 200314355 A1 20030731 34P
 PRAI US 2002-53662 20020124
 DT Patent
 LA English
 OS 2003-626651 [59] laminin gamma-2 cDNA PCR primer #12.
 DESC ***Equine***
 AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse***, comprising obtaining a biological sample from the ***horse***, isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation***, where the homozygous presence of the nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa***. Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing***. JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

ANSWER 35 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 139112800 CAPLUS
 TI Protein and cDNA sequences of ***horse*** laminin gamma-2 gene and its use in ***diagnostic*** junctional ***epidermolysis***
 AB ***bullosa***
 IN Baird, John; Linder, Keith; Meneguzzi, Spirito, Flavia;
 Charlesworth, Alexandra
 CA Can.
 SO U.S. Pat. Appl. Publ., 34 pp.

CODEN: USXXCO
DT Patent
LA English
PAN CNT 1

=> d his

(FILE 'HOME' ENTERED AT 14:22:36 ON 16 JAN 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOPUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHB, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTR, CEN, COINFOSCI, CROPP, CROPU, DISSABS,
DDFB, DDEU, DGENE, DRUGB, DRUGNOCG2, ...' ENTERED AT 14:22:55 ON 16 JAN
2004
SEA EPIDERMOLYSIS (W) BULLOSA

L1 QUE EPIDERMOLYSIS (W) BULLOSA

SEA L1 AND DIAGNOS? AND MUTAT?

QUE L1 AND DIAGNOS? AND MUTAT?

FILE 'EMBASE, SCISEARCH, MEDLINE, DGENE, BIOSIS, ESBIOBASE, CAPLUS,
BIOTECHNO, PASCAL, TOX CENTER, PRMT, CANCERLIT, JICST-EPIUS, BIOTECHDS,
WILDS, LIFESCI, IFIPAT, DISSABS, BIOPUSINESS, DRUGB, FEDRIP, ENTERED AT
14:24:52 ON 16 JAN 2004
L3 1073 S L2
L4 535 DUP REM L3 (538 DUPLICATES REMOVED)
L5 35 S L4 AND (HORSE OR EQUINE)
L6 1 S L5 AND 1368

=> log h

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST 204.68 206.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL
ENTRY SESSION

CA SUBSCRIBER PRICE -0.69 -0.69

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:29:04 ON 16 JAN 2004